

# LOADWATCH 2011

28 February 2011

The Independent Market Operator has an obligation to secure through the Reserve Capacity Mechanism (RCM) sufficient capacity (generation and Demand Side Management) to meet the maximum load demands of the Western Australian Wholesale Electricity Market.

**LoadWatch Summer 11** provides a weekly snapshot of the level of available capacity and electrical load for last week. It also provides forecast temperatures and load for this week and a look back to Summer 10.

## Last Week

	Mon	Tue	Wed	Thu	Fri
	21 Feb 11	22 Feb 11	23 Feb 11	24 Feb 11	25 Feb 11
Total Capacity (note 1)	5219	5219	5219	5219	5219
Outages (note 2)	251	436	544	350	252
<b>Available Capacity (MW)</b>	<b>4968</b>	<b>4783</b>	<b>4675</b>	<b>4869</b>	<b>4967</b>
<b>Max Temp (°C)</b>	<b>36</b>	<b>36</b>	<b>35</b>	<b>35</b>	<b>38</b>
<b>Min Temp</b>	<b>22</b>	<b>21</b>	<b>21</b>	<b>24</b>	<b>25</b>
<b>Max Load (MW) (note 3)</b>	<b>3538</b>	<b>3448</b>	<b>3487</b>	<b>3660</b>	<b>3721</b>
<b>Capacity Cushion</b>	<b>1430</b>	<b>1335</b>	<b>1188</b>	<b>1210</b>	<b>1246</b>
	29%	28%	25%	25%	25%

High temperatures from the 23/02/11 to 25/02/11 saw the capacity cushion drop to 25%.

(Note 1) 'Total Capacity' is total capacity procured by the IMO with various adjustments (40MW).

(Note 2) Outages are current as at the time of publication and may be subject to change.

(Note 3) Operational Load being the total loss adjusted generator sent out energy.

## This Week

	Mon	Tue	Wed	Thu	Fri
	28 Feb 11	01 Mar 11	02 Mar 11	03 Mar 11	04 Mar 11
<b>Max Temperature</b>	<b>35</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>35</b>
<b>Min Temperature</b>	<b>25</b>	<b>23</b>	<b>21</b>	<b>21</b>	<b>22</b>
<b>Forecast Max Load (MW)</b>	<b>3600</b>	<b>3310</b>	<b>3379</b>	<b>3064</b>	<b>3404</b>

## Look Back: Summer 10

	Mon	Tue	Wed	Thu	Fri
	01 Mar 10	02 Mar 10	03 Mar 10	04 Mar 10	05 Mar 10
<b>Max Temperature</b>	<b>39</b>	<b>35</b>	<b>30</b>	<b>26</b>	<b>26</b>
<b>Min Temperature</b>	<b>22</b>	<b>19</b>	<b>20</b>	<b>17</b>	<b>13</b>
<b>Forecast Max Load (MW)</b>	<b>3126</b>	<b>3390</b>	<b>3709</b>	<b>3831</b>	<b>3878</b>
<b>Actual Max Load (MW)</b>	<b>2893</b>	<b>3068</b>	<b>3469</b>	<b>3775</b>	<b>3271</b>

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